

INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY
(Chapter II of the Patent Cooperation Treaty)

28 JAN 2005

(PCT Article 36 and Rule 70)

Applicant's or agent's file reference 395898PCT	FOR FURTHER ACTION See Form PCT/IPEA/416	
International application No. PCT/SE 2003/001264	International filing date (day/month/year) 07-08-2003	Priority date (day/month/year) 14-08-2002
International Patent Classification (IPC) or national classification and IPC G06F 9/44, H04L 29/06		
Applicant BYSTEDT, INGEMAR		

- This report is the international preliminary examination report, established by this International Preliminary Examining Authority under Article 35 and transmitted to the applicant according to Article 36.
- This REPORT consists of a total of 3 sheets, including this cover sheet.
- This report is also accompanied by ANNEXES, comprising:
 - ☒ (sent to the applicant and to the International Bureau) a total of 7 sheets, as follows:
 - ☒ sheets of the description, claims and/or drawings which have been amended and are the basis of this report and/or sheets containing rectifications authorized by this Authority (see Rule 70.16 and Section 607 of the Administrative Instructions).
 - ☐ sheets which supersede earlier sheets, but which this Authority considers contain an amendment that goes beyond the disclosure in the international application as filed, as indicated in item 4 of Box No. I and the Supplemental Box.
 - ☐ (sent to the International Bureau only) a total of (indicate type and number of electronic carrier(s)) _____, containing a sequence listing and/or tables related thereto, in computer readable form only, as indicated in the Supplemental Box Relating to Sequence Listing (see Section 802 of the Administrative Instructions).

- This report contains indications relating to the following items:

- | | | |
|-------------------------------------|--------------|---|
| <input checked="" type="checkbox"/> | Box No. I | Basis of the report |
| <input type="checkbox"/> | Box No. II | Priority |
| <input type="checkbox"/> | Box No. III | Non-establishment of opinion with regard to novelty, inventive step and industrial applicability |
| <input type="checkbox"/> | Box No. IV | Lack of unity of invention |
| <input checked="" type="checkbox"/> | Box No. V | Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement |
| <input type="checkbox"/> | Box No. VI | Certain documents cited |
| <input type="checkbox"/> | Box No. VII | Certain defects in the international application |
| <input type="checkbox"/> | Box No. VIII | Certain observations on the international application |

Date of submission of the demand 14-01-2004	Date of completion of this report 01-07-2004
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INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

International application No.

PCT/SE 2003/001264

Box No. I Basis of the report

1. With regard to the language, this report is based on the international application in the language in which it was filed, unless otherwise indicated under this item.

☐ This report is based on a translation from the original language into the following language _____, which is the language of a translation furnished for the purposes of:

- ☐ international search (under Rules 12.3 and 23.1(b))
☐ publication of the international application (under Rule 12.4)
☐ international preliminary examination (under Rules 55.2 and/or 55.3)

2. With regard to the elements of the international application, this report is based on *(replacement sheets which have been furnished to the receiving Office in response to an invitation under Article 14 are referred to in this report as "originally filed" and are not annexed to this report)*:

☐ the international application as originally filed/furnished

☒ the description:

pages 1 - 25 as originally filed/furnished

pages* _____ received by this Authority on _____

pages* _____ received by this Authority on _____

☒ the claims:

pages _____ as originally filed/furnished

pages* 3 - 6 as amended (together with any statement) under Article 19

pages* _____ received by this Authority on _____

pages* _____ received by this Authority on _____

☒ the drawings:

pages 1 - 3 as originally filed/furnished

pages* _____ received by this Authority on _____

pages* _____ received by this Authority on _____

☐ a sequence listing and/or any related table(s) – see Supplemental Box Relating to Sequence Listing.

3. ☐ The amendments have resulted in the cancellation of:

☐ the description, pages _____

☐ the claims, Nos. _____

☐ the drawings, sheets/figs _____

☐ the sequence listing (*specify*): _____

☐ any table(s) related to the sequence listing (*specify*): _____

4. ☐ This report has been established as if (some of) the amendments annexed to this report and listed below had not been made, since they have been considered to go beyond the disclosure as filed, as indicated in the Supplemental Box (Rule 70.2(c)).

☐ the description, pages _____

☐ the claims, Nos. _____

☐ the drawings, sheets/figs _____

☐ the sequence listing (*specify*): _____

☐ any table(s) related to the sequence listing (*specify*): _____

* If item 4 applies, some or all of those sheets may be marked "superseded."

INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

International Application No.

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Box No. V Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement

1. Statement

Novelty (N)	Claims	<u>1-10</u>	YES
	Claims		NO
Inventive step (IS)	Claims	<u>1-10</u>	YES
	Claims		NO
Industrial applicability (IA)	Claims	<u>1-10</u>	YES
	Claims		NO

2. Citations and explanations (Rule 70.7)

Documents cited in the International Search Report:

D1: US 6185600 B1

D2: US 6151390 A

The cited documents represent the general state of the art.
The invention defined in claims 1-10 is not disclosed by any of these documents.

The cited prior art does not give any indication that would lead a person skilled in the art to the claimed method for monitoring an information system. Therefore, the claimed invention is not obvious to a person skilled in the art.

Accordingly, the invention defined in claims 1-10 is novel and is considered to involve an inventive step. The invention is industrially applicable.

PATENT COOPERATION TREATY

PCT/SE2003/001264

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24 -03- 2004

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NOTIFICATION CONCERNING AMENDMENTS OF THE CLAIMS

(PCT Rule 62 and
Administrative Instructions, Section 417)

From the INTERNATIONAL BUREAU

To:

Swedish Patent Office
P.O. Box 5055
S-102 42 Stockholm
Sweden

in its capacity as International Preliminary Examining Authority

Date of mailing (day/month/year)

16 March 2004 (16.03.2004)

International application No.

PCT/SE2003/001264

International filing date (day/month/year)

07 August 2003 (07.08.2003)

Applicant

BYSTEDT, Ingemar

The International Bureau hereby transmits a copy of the amendments to the claims under Article 19 together with any accompanying statement (Rule 62).

The International Bureau of WIPO
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9 December 2003

VIA FACSIMILE

NO. 011 41 22 ~~740-14-25~~ → 733-54-28

Confirmation by Mail

6 Pages

International Bureau of WIPO
34, chemin des Colombettes
1211 Geneva 20
SWITZERLAND

Your ref: 16 October 2003 Notification of Transmittal
of the International Search Report

Our ref: 395.898PCT METHOD FOR MONITORING AND
MANAGING AN INFORMATION SYSTEM.

Amended claims in PCT/SE03/01264

Please find enclosed a set of amended claims regarding PCT/SE03/01264. These amendments are made under Article 19 after receipt of the International Search Report, mailed 16 OCTOBER 2003.

The amended claim 1 essentially comprises the new limitation of linking the metrics parameter to events so that the metrics parameter counts the number of events and sends an alert signal to the engine when the threshold value has been exceeded. The protocol conversions enable a consumer unit to display the metrics parameter linked to the events in real time. None of the cited references teaches or suggests these added limitations in combination with the original limitations of claim 1. Claims 2-10 have not been amended. None of the cited references teaches or suggests the limitations of claims 2-10 either.

For example, Spence merely appears to disclose a universal browser for a network that includes a universal user interface and various product specific interfaces. The steps of linking metrics parameters to events that are going through protocol conversions so that a consumer unit may display the metrics parameters in real time is completely missing from the Spence patent.

The Volftsun reference also lacks the limitation added

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to claim 1. The patent merely discusses protocol conversions using channel associated signaling. It is submitted that Volftsun fails to disclose all the new limitations added to the amended claim 1. There is no teaching or suggestion of linking metrics parameters to events and sending an alert signal when a threshold value is exceeded and converting the information into many protocols so that the metrics parameter may be viewed by a consumer in real time.

It is submitted that none of the cited references teaches or suggest the limitations of the amended claim 1. Claims 2-10 are submitted to be allowable because they depend upon the allowable base claim 1.

Therefore, it is submitted that claims 1-10 are allowable over the cited references.

We hope that the new claims will result in a written opinion that allows the new claims.

Yours very truly,

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Rolf Fasth, Agent

RF

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AMENDED CLAIMS

1. A method of monitoring an information system, comprising:

providing a real-time engine unit (12) in communication with a broker unit (14), the engine unit (12) having an event source unit (30) and a metrics source unit (32);

the event source unit (30) monitoring an event unit (42);

the engine unit (12) receiving an event signal (94) from the source unit (30) in a first protocol language;

linking a metrics parameter (48) of the unit (32) to events in the event unit (42) of the event source unit (30);

the metrics parameter (48) counting a number of event occurrences of the event unit (42);

the metrics parameter (48) comparing the number of event occurrences to a threshold value;

the metrics parameter (48) sending an alert signal (96) when the number of event occurrences is greater than the threshold value;

the engine unit (12) receiving the alert signal (96) from the source unit (32) in a second protocol language;

the engine unit (12) converting the first protocol language of the signal (94) and the second protocol language of the signal (96) to a third protocol language;

the engine unit (12) transmitting a signal (74) in the third protocol language, the signal (74) containing information from the signals (94, 96);

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the broker unit (14) receiving information of the signal (74) in the third protocol language, the unit (14) converting the information in the third protocol language to a universal protocol language that is understood by a plurality of consumers (16a-16f);

the broker unit (14) sending signals (78a-78f) containing the information in the universal protocol language to the consumer units (16a-16f), respectively; and

the consumer units (16a-16f) receiving the signals (78a-78f) and displaying, in real-time, the metrics parameter (48) linked to the events in the event unit (32).

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2. The method according to claim 1 wherein the method further comprises the engine unit (12) filtering information and correlating events.
3. The method according to claim 1 wherein the method further comprises the engine unit (12) is only able to communicate with the broker unit (14).
4. The method according to claim 1 wherein the method further comprises the broker unit (14) converting information from the engine unit (12) to a format that is readable by all the consumers (16a-16f).
5. The method according to claim 1 wherein the method further comprises the broker unit (14) communicating with the engine unit (12) in a unique language (73) that is only used in communication with the broker unit (14) and the engine unit (12).
6. The method according to claim 1 wherein the method further comprises the broker unit (14) converting information in a signal (74) to a uniform protocol (76) that is understood by all the consumers (16a-16f).

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7. The method according to claim 1 wherein the method further comprises the source unit (30) monitoring events (42) without retrieving the events (42).

8. The method according to claim 7 wherein the method further comprises grading the event (42) according to a severity grade.

9. The method according to claim 1 wherein the method further comprises the event (42) triggering a second event.

10. The method according to claim 1 wherein the method further comprises the metric source unit (32) monitoring metric parameters.